

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

FEB 15 2002

ATTORNEY DOCKET NO. 10014772-1

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As a below named inventor, I hereby declare that
My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**A METHOD FOR PLACEMENT OF DATA FOR VISUALIZATION OF MULTIDIMENSIONAL DATA SETS
USING MULTIPLE PIXEL BAR CHARTS**

the specification of which is attached hereto unless the following box is checked:

(X) was filed on 10/17/01 as US Application Serial No. or PCT International Application
Number 09/982,481 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

U. S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number 022879

Place Customer
Number Bar Code
Label here

Send Correspondence to:
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80527-2400

Direct Telephone Calls To:

JAMES P. HAO Thomas X. Li
(408) 938-9060 (650) 857-5972

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Ming C. HAO Citizenship: _____

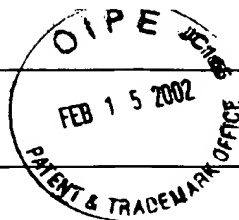
Residence: 4150 OLD ADOBE ROAD, PALO ALTO, CA 94306

Post Office Address: SAME AS RESIDENCE

Inventor's Signature _____

Date _____

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION (continued)**



ATTORNEY DOCKET NO. 10014772-1

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Full Name of # 2 joint inventor: Umeshwar DAYAL

Citizenship: _____

Residence: _____

12561 RADOYKA DRIVE, SARATOGA, CA 95070

Post Office Address: _____

SAME AS RESIDENCE

Inventor's Signature _____

Date _____

Full Name of # 3 joint inventor: Meichun HSU

Citizenship: USA

Residence: _____

12717 LEANDER DRIVE, LOS ALTOS HILLS, CA 94022

Post Office Address: _____

SAME AS RESIDENCE

Inventor's Signature Meichun Hsu

Date Jan 18, 2002

Full Name of # 4 joint inventor: Daniel A. KEIM

Citizenship: Germany

Residence: _____

WACKOLDERWEG 1, 06120 LIESKAN, GERMANY

Post Office Address: _____

SAME AS RESIDENCE

Inventor's Signature _____

Date _____

Full Name of # 5 joint inventor: Adrian KRUG

Citizenship: Germany

Residence: _____

HANS-BECKERS STR 2, 40595 DUESSELDORF, GERMANY

Post Office Address: _____

SAME AS RESIDENCE

Inventor's Signature _____

Date _____

Full Name of # 6 joint inventor: Julian LADISCH

Citizenship: Germany

Residence: _____

GOETHESTR. 4, 06114 HALLE, GERMANY

Post Office Address: _____

SAME AS RESIDENCE

Inventor's Signature _____

Date _____

Full Name of # 7 joint inventor: _____

Citizenship: _____

Residence: _____

Post Office Address: _____

Inventor's Signature _____

Date _____

Full Name of # 8 joint inventor: _____

Citizenship: _____

Residence: _____

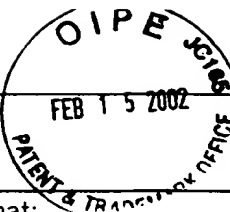
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Label hereSend Correspondence to:
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Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80527-2400**Direct Telephone Calls To:**

JAMES P. HAO	Thomas X. Li
(408) 938-9060	(650) 857-5972

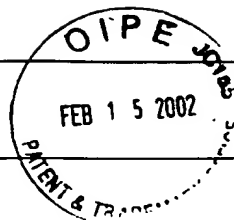
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Full Name of Inventor: Ming C. HAO Citizenship: _____Residence: 4150 OLD ADOBE ROAD, PALO ALTO, CA 94306Post Office Address: SAME AS RESIDENCE

Inventor's Signature _____

Date _____

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION (continued)**



ATTORNEY DOCKET NO. 10014772-1

Full Name of # 2 joint inventor: Umeshwar DAYAL

Citizenship: INDIA

Residence: 12561 RADOYKA DRIVE, SARATOGA, CA 95070

Post Office Address: SAME AS RESIDENCE

Inventor's Signature: *Umeshwar Dayal*

Date: 15 January 2002

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Full Name of # 3 joint inventor: Meichun HSU

Citizenship: _____

Residence: 12717 LEANDER DRIVE, LOS ALTOS HILLS, CA 94022

Post Office Address: SAME AS RESIDENCE

Inventor's Signature _____

Date _____

Full Name of # 4 joint inventor: Daniel A. KEIM

Citizenship: Germany

Residence: WACKOLDERWEG 1, 06120 LIESKAN, GERMANY

Post Office Address: SAME AS RESIDENCE

Inventor's Signature _____

Date _____

Full Name of # 5 joint inventor: Adrian KRUG

Citizenship: Germany

Residence: HANS-BECKERS STR 2, 40595 DUESSELDORF, GERMANY

Post Office Address: SAME AS RESIDENCE

Inventor's Signature: *Adrian Krug*

Date: 01/05/2002

Full Name of # 6 joint inventor: Julian LADISCH

Citizenship: Germany

Residence: GOETHESTR. 4, 06114 HALLE, GERMANY

Post Office Address: SAME AS RESIDENCE

Inventor's Signature _____

Date _____

Full Name of # 7 joint inventor: _____

Citizenship: _____

Residence: _____

Post Office Address: _____

Inventor's Signature _____

Date _____

Full Name of # 8 joint inventor: _____

Citizenship: _____

Residence: _____

Post Office Address: _____

Inventor's Signature _____

Date _____

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P.O. Box 272400
Fort Collins, Colorado 80527-2400**Direct Telephone Calls To:**Thomas X. Li James P. Hao
(650) 857-5972 (408) 938-9060

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Full Name of Inventor: Ming C. HAO

Citizenship: _____

Residence: 4150 OLD ADOBE ROAD, PALO ALTO, CA 94306Post Office Address: SAME AS RESIDENCE

Inventor's Signature _____

Date _____

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DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION (continued)

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ATTORNEY DOCKET NO. 10014772-1

Full Name of # 2 joint inventor: Umeshwar DAYALResidence: 12561 RADOYKA DRIVE, SARATOGA, CA 95070 Citizenship: _____Post Office Address: SAME AS RESIDENCE

Inventor's Signature _____

Date _____

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ORIGINALLY FILEDFull Name of # 3 joint inventor: Meichun HSUResidence: 12717 LEANDER DRIVE, LOS ALTOS HILLS, CA 94022 Citizenship: _____Post Office Address: SAME AS RESIDENCE

Inventor's Signature _____

Date _____

Full Name of # 4 joint inventor: Daniel A. KEIMResidence: 19 PARKER DRIVE, MORRIS PLAINS, NJ 07950 Citizenship: GermanyPost Office Address: SAME AS RESIDENCEInventor's Signature [Signature]Date Jan. 23, 2002Full Name of # 5 joint inventor: Adrian KRUGResidence: HANS-BECKERS STR 2, 40595 DUESSELDORF, GERMANY Citizenship: GermanyPost Office Address: SAME AS RESIDENCE

Inventor's Signature _____

Date _____

Full Name of # 6 joint inventor: Julian LADISCHResidence: GOETHESTR. 4, 06114 HALLE, GERMANY Citizenship: GermanyPost Office Address: SAME AS RESIDENCE

Inventor's Signature _____

Date _____

Full Name of # 7 joint inventor: _____

Residence: _____ Citizenship: _____

Post Office Address: _____

Inventor's Signature _____

Date _____

Full Name of # 8 joint inventor: _____

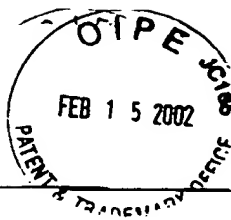
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JAMES P. HAO Thomas X. Li
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Citizenship: _____

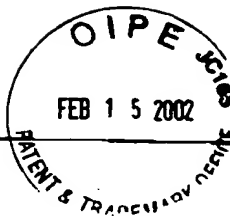
Residence: 4150 OLD ADOBE ROAD, PALO ALTO, CA 94306

Post Office Address: SAME AS RESIDENCE

Inventor's Signature _____

Date _____

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**DECLARATION AND POWER OF ATTORNEY
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ATTORNEY DOCKET NO. 10014772-1

Full Name of # 2 joint inventor: Umeshwar DAYAL Citizenship: _____
Residence: 12561 RADOYKA DRIVE, SARATOGA, CA 95070
Post Office Address: SAME AS RESIDENCE

Inventor's Signature _____ Date _____

Full Name of # 3 joint inventor: Meichun HSU Citizenship: _____
Residence: 12717 LEANDER DRIVE, LOS ALTOS HILLS, CA 94022
Post Office Address: SAME AS RESIDENCE

Inventor's Signature _____ Date _____

Full Name of # 4 joint inventor: Daniel A. KEIM Citizenship: Germany
Residence: WACKOLDERWEG 1, 06120 LIESKAN, GERMANY
Post Office Address: SAME AS RESIDENCE

Inventor's Signature _____ Date _____

Full Name of # 5 joint inventor: Adrian KRUG Citizenship: Germany
Residence: HANS-BECKERS STR 2, 40595 DUESSELDORF, GERMANY
Post Office Address: SAME AS RESIDENCE

Inventor's Signature _____ Date _____

Full Name of # 6 joint inventor: Julian LADISCH Citizenship: Germany
Residence: GOETHESTR. 4, 06114 HALLE, GERMANY
Post Office Address: SAME AS RESIDENCE

Inventor's Signature Julian Ladisch Date January 13, 2002

Full Name of # 7 joint inventor: _____ Citizenship: _____
Residence: _____
Post Office Address: _____

Inventor's Signature _____ Date _____

Full Name of # 8 joint inventor: _____ Citizenship: _____
Residence: _____
Post Office Address: _____

Inventor's Signature _____ Date _____

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